

INSTITUTION OF CIVIL ENGINEERS.—On April 23 the paper read was a "Description of the Insistent Pontoon Bridge, at the Dublin Terminus of the Midland Great Western Railway of Ireland," by Mr. R. Mallet. Also, a "Description of a Wrought-iron Lattice Bridge, constructed over the Line of the Rugby and Leamington Railway," by Mr. W. T. Doyce. This bridge, which is 150 feet span, carries a public road over the Honingham cutting. It consists of two girders 156 feet in length, and 10 feet 6 inches in depth, placed at a distance of 20 feet apart, and connected together by means of wrought-iron transverse girders, and by a system of horizontal diagonal bracing. The transverse girders, 7 feet 6 inches apart, are each formed of a plate of wrought-iron, with two angle irons at the top and the bottom: these are covered with corrugated galvanized iron, one-tenth of an inch thick, upon which concrete, and then a layer of gravel and loam metalling, 6 inches thick, are laid. This bridge was erected by Messrs. Smith, Smith, and James, of Leamington, upon a platform which gave to the girders a camber of 7 inches in the centre, which was reduced to 3 inches upon removing the platform. The total cost of the bridge was about 3,500*l*. During the progress of the works, the author made some experiments upon the strength of rivets of different sizes, from which it appeared, that the average breaking weight per square inch of sectional area, was 35.10 tons for a chain joint, and 18.82 tons for a lap joint. On Tuesday, April 30, a paper was read "On the Absorbent Power of Chalk, and its Water Contents, under Different Geological Conditions," by Professor D. T. Ansted.

KING ALFRED'S BURIAL PLACE AT WINCHESTER.—With respect to a statement as to the sale of "Alfred's burial place," quoted by us from the *Hampshire Independent*, we have received several letters denying the existence of any remains at Winchester. One states, notwithstanding the assertion of Milner that Alfred was buried on the site of the Bridewell, that the king was in reality interred at Driffield, in Yorkshire. Mr. Colson, architect, on the part of the gentleman who has bought the land, writes us,—"That if any excavations are made and he should be so fortunate as to find the remains of the great and good monarch Alfred, he will be the first to respect them and to promote the erection of a monument over them."

PRESERVATION OF ANCIENT PARISH REGISTERS.—Mr. Downing Bruce has published a letter, addressed to Mr. Monckton Milnes, M.P., calling attention to the present state of ancient parochial registers. We have all heard of the parish clerk who used part of a register, kept in his own cottage, to sing a goose, and this is not a solitary case. Mr. Bruce properly suggests the adoption of some means to preserve documents so important as parish registers.

INSPECTION OF SUSPENSION BRIDGES.—In consequence of the late calamity at Angers, the French Minister of Public Works has just formed a commission, to again study all the questions connected with the mode of construction of suspension bridges, and the trials to which they are subjected, and to propose such improvements as they may think necessary in the precautionary measures now adopted.

YORKSHIRE ARCHITECTURAL SOCIETY.—On the 18th inst., the accounts of the ex-treasurer, Mr. Bayldon, were audited, and exhibited a balance of considerable amount in hand. The Rev. W. H. Huggill applied for a grant towards purchasing a new font for the Early English Chapel, at Bilton, near Hull, and at the general meeting, at two o'clock, the Venerable the Archdeacon Churton read a paper, creating an interesting discussion on the priory of Mount Grace, near Thirsk.

THE (LAND) SURVEYORS' ASSOCIATION has been reformed, with various very important and desirable objects,—such as uniting the legitimate members of the profession, promoting the acquisition of knowledge in the various departments of surveying, and for giving that respectability to the profession which shall entitle it to the confidence of the Government and the public. Mr. J. Bailey Denton is the chairman. The non-appearance of the metropolitan survey by the Ordnance department, although two years have elapsed, gives them a ground of complaint.

PROJECTED WORKS.—Advertisements have been issued for tenders, by 7th inst., for the erection of parochial schools and teachers' residence at Wribbenhall, Mr. R. Robinson, of Stourbridge, architect; by 11th, for the erection of three houses with front shops, &c., at Brierley-hill, Staffordshire, same architect; by 6th, for building an additional arch to the Pitlake-bridge, near Croydon (Mr. R. J. Hood, of London-bridge station, engineer), and for park palings adjoining; by 4th, for the erection of a national school for 300 children, and a master's residence, at Sowerby, Halifax, Messrs. Perkin and Backhouse, of Exchange-buildings, Leeds, architects; separate tenders for the various specific works; by a date not specified, for the erection of three eight-roomed houses and premises at Southampton, Mr. Poole, of 6, Bernard-street, Southampton, architect; by 16th, for taking down and rebuilding a house and premises in High-street, Southampton, Messrs. Hives and Bedborough, of 23, Portland-street, Southampton, architects; by 11th, for the erection of a new aisle to the parish church of Roade, near Northampton, Mr. E. F. Law, of Northampton, architect; by same date, for the erection of a new school-house to the parish school of Pitsford, near Northampton, design by same architect; by 25th, for the erection of the Bucks County Lunatic Asylum, at Stone, near Aylesbury, Messrs. Wyatt and Brandon, of 77, Great Russell-street, architects,—also for a large quantity of iron-work for same; by 15th, for a telescope to the gasholder, No. 2, of the Woolwich Consumers' Protective Gas Company, Glass-yard, Woolwich; by a date not specified, for excavating ground and forming about 1,600 feet of brick sewer, also a quantity of glazed pipe sewer as advertised, Messrs. Godwin, of Brompton, architects; by 28th, for the execution of the work of gas fittings to the buildings and station of the Great Northern Railway, north of the Regent's Canal, Maiden-lane, Mr. Lewis Cubitt, of 52, Bedford-square, architect; by a date not specified, for all or any of the works required in erecting a church at Ringley-bridge, near Bolton-le-Moors, Lancashire, Messrs. Sharpe and Paley, of Lancaster, architects; by 20th, for the construction of baths and washhouses, at Preston, Mr. P. P. Baly, of 14, Buckingham-street, Adelphi, and Messrs. Park, Son, and Garlick, of Preston, engineers; by a date not specified, for sinking a well at Southampton, Mr. A. Giles, of 9, Adelphi-terrace, engineer; by 18th, for the erection of a cast-iron gas tank, 103 feet diameter, and 22 feet deep, with telescopic gas-holders, columns, &c., to be put up at the Alliance and Dublin Consumers' Gas Works, at Dublin, Mr. G. Low, of 39, Finsbury-circus, London, engineer; and by 6th, for enlarging and completing a gasholder for the Cambridge Gas Company.

BUILDING AT BANGOR.—The Cas Maes Lodig estate, adjoining Bangor on the south, has been laid out for building villa and other residences, under the direction of Mr. H. P. Horner, architect, and if our information be correct, the scheme is a promising one, as the demand for houses is great in Bangor, and all the desirable sites immediately available are comprised in this property. There have been, we believe, about eighty houses built in Bangor during the last year or so, and more would have been begun but for the want of sites.

ARCHITECTS' ADVISERS.—Mr. Editor,—I was greatly amused by one line in a recent *BUILDER*, which shows how that "An Architect" (so he calls himself) having a little church to restore, cannot do so without asking the advice of a set of gentlemen composing the committee of a society—such committee not having a single architect among them. What a pity it is that architects do not pass the so often talked of examination, "so as to enable them to execute any work entrusted to them, whether large or small, without the advice of amateurs."—ANOTHER ARCHITECT.

CITY CARPENTER.—Mr. Charles Waterlow has been elected City Carpenter, in the room of Mr. Colebatch, who had held the situation for a number of years.

ST. STEPHEN'S, SOUTHWARK.—A new church, Early English, with gabled tower, built under the direction of Mr. Teulon, architect, in Kent-street, Borough, was consecrated on the 27th ult. The district is one of peculiar character, needing help.

CHEAPENING PATENTS.—What objection is there to adopting in Great Britain an improvement made, in the last new patent law, in France? It is, to allow the patent to be paid for by twelve yearly instalments, instead of in one sum at first. This has been found a very acceptable amelioration by poor inventors, whilst the Government has, I believe, also reaped some benefit from it, the income derived from this branch of revenue being greater than it was under the old law.—P.

ARCHITECTURAL ASSOCIATION.—The subscription of 1*l*. mentioned in the last number of *THE BUILDER*, was voted to the North London School for Drawings and Models, and not to the National Exhibition for 1851, as there stated.

PARK FOR ISLINGTON.—On Tuesday a vestry meeting of St. Luke's took place in the vestry-room to determine whether any, and what, assistance should be given in favour of a new park at Islington. Mr. Lloyd said the area would cover 500 acres of ground, including 200 acres covered by the villas on Highbury-grove, Vale, &c. The cost would be about 150,000*l*. to 200,000*l*. A resolution approving of the proposed park was unanimously carried, and a public meeting of the borough was determined to be held forthwith.

EXHIBITION OF ALL NATIONS.—We learn from the May number of the *Journal of Design*, that the amount of subscription reported to the commissioners, is about 45,000*l*., and that about half the local committees have not yet made any report. The Royal Academy has given 500*l*. Russia, Austria, Spain, Prussia, Belgium, and America are all moving.

WIDE ESTIMATING.—Estimates delivered at the office of Mr. J. Bird, architect, for covering in and finishing three houses at Notting-hill, to build completely two ovens (11 and 7 bushels), back office, and stable building, for Mr. A. Urquhart; the quantities supplied by the architect.

Sash	£1,740	0	0
Darby	1,596	10	0
Lawrence and Son ..	1,592	0	0
Tunewell	1,448	0	0
Brass	1,438	0	0
Everett	978	0	0

TENDERS

For the erection of a superintendent's house, office, and board-room, for the Directors of the Woolwich Consumers' Protective Gas Company, as advertised in *THE BUILDER*: Mr. L. Davis, architect.

Kirk and Parry	£1,250
Walker and Soper	1,204
Cooper and Davis	1,257
T. and R. Corby	1,220
Cooper and Bottomley	1,167
Tamsell (Woolwich)	1,059
Williamson (Plumstead)	1,058
Maynard	1,045
Taylor and Son (Woolwich, accepted)	993

For the chapel, board-room, and four almshouses, for the Licensed Victuallers' Asylum, Old Kent-road, opened on the 25th April: Messrs. H. and E. Rose, architects. The quantities were supplied.

Faithfull	£3,608
Corby	2,530
Coleman	3,444
Soper and Walker	3,375
Cooper and Davis	3,340
Corrigan	3,335
Ridley	3,225
W. M. Hill and Son	3,276
Wholism	3,233
Cooper	2,904

BUILDINGS AND MONUMENTS, MODERN AND MEDIEVAL;

Being Illustrations of the Edifices of the Nineteenth Century, and of some of the Architectural Works of the Middle Ages.

By Geo. Godwin, F.R.S.

Fellow of the Institute of Architects; Corresponding Member of several Societies.

Part VII. of this work, price 2*s*. 6*d*. was published on Wednesday last, containing views of the Royal Lyceum Theatre; Church of the Immaculate Conception, Farm-street, Grosvenor-square; the Church of La Villette, Paris; St. Augustine's College, Canterbury; St. Peter's Hospital, Wandsworth; the Printers' Almshouses, Wood-green, Tottenham; Custom-house, Rosen; the Chapter-house, Chester Cathedral; with descriptive letter press and numerous details.

Part VIII. will be published June 1, and will complete the work. To prevent disappointment, the names of parties intending to take the work when completed should be sent forthwith.

To be had at the Office of "The Builder," 2, York-street, Covent Garden, or, by order, of any Bookseller.